Feature packed.
Easy to use.

Key Selling Features

- 4.0 Megapixel PowerShot A520 and 3.2 Megapixel PowerShot A510.
- Canon 4x optical zoom lens.
- Movie recording and playback with sound.
- DiG!C Imaging Processor delivers superior digital photos.
- Print/Share* Button allows easy 'one push' printing of images straight from the camera.

Short Description

Boasting powerful Canon 4x optical zoom lenses and Canon's intuitive DiG!C processor, the 4.0MP PowerShot A520 and 3.2MP PowerShot A510 deliver simply better pictures. Capture it all, from family photos to travel snaps with a total of 20 precise shooting modes. And best of all, these compact cameras are easy to use, simply point and shoot. Thanks to the Canon Print/Share* Button, true to life photo prints straight from the camera are a snap. Packed with features within a compact body, the PowerShot A510 and PowerShot A520 make it easy to take digital photography further.

Leading Technology, Advanced Features

- Canon 4x optical zoom lens (35mm equivalent: 35-140mm) f/2.6-5.5 with macro functionality allows recording as close as 5cm from the subject.
- 9-point AiAF and single centre point AF ensures sharp, clear images.
- DiG!C Processor combines camera controls and image signal processing for better pictures.
- IO (Intelligent Orientation) sensor detects vertical/horizontal shooting to ensure correct AF, AE/AWB weighting and replay orientation.
- Floating lens barrel mechanism enhances compatibility with supplementary lenses.

Intelligent Photographic Control

- A total of 20 shooting modes, from complete control to full auto, including pre-set scene modes customised for Foliage/Snow/Beach/Fireworks/Underwater/Indoor/Kids&Pets and Night Snapshot.
- Light guide zoom flash ensures efficient light distribution by customising flash output to match the shooting view angle,
- High-precision white balance inc. Auto, five pre-set modes and a programmable custom setting.
- Wide range of ISO-Equivalent speed settings (Auto/ISO50/100/200/400).
- Selectable Evaluative, Centre-weighted average and Spot (centre-point) Metering for optimum exposure settings.
- Versatile optional dedicated accessories inc. 40-metre depth waterproof case and supplementary lenses.

Fun, Easy Operation

- Print/Share* Button allows 'one push' printing/downloading of images straight from the camera.
- ID Photo Print with CP printers allows easy production of ID images for passport and other ID uses while CP Movie Print allows direct printing of a series of still images from a recorded movie.
- Five Photo Effects (Vivid Colour, Neutral Colour, Low Sharpening, Sepia, and Black & White).
- Movie recording and playback with audio up to 3 min, with a max. resolution of 320 x 240.

*Compatible printer required for Direct Printing. Compatible Windows computer required for direct download.

Canon Connectivity

- Print/Share* Button allows 'one push' printing/downloading of images straight from the camera.
- Direct photo printing with Canon direct printers and other PictBridge compatible models.
- Supports industry standard Exif 2.2 tagging for superior print image processing.
- Canon's complete image management software suite for fast and easy download, display, email and printing of images, creating panoramic pictures and computer controlled image capture and storage.
- Picture Transfer Protocol supports driver-less image transfer, viewing and deletion between camera and computer with newer operating systems (Windows XP or Mac OS X v 10.1,10.2,10.3).

Standard Accessories and Software

- Wrist Strap WS-200,
- 2 x AA Alkaline Batteries
- 16MB MultiMedia Card
- AV Cable AVC-DC300
- USB Interface Cable IFC-400PCU

- Camera User Guide
- Software Starter Guide
- Quick Start Guide
- Direct Print User Guide
- Digital Camera Solution Disc

Optional Accessories

- Conversion Lens Adaptor LA-DC52F
- Tele-Conversion lens TC-DC52A
- Wide Converter WC-DC52
- Close-up lens 250D 52mm
- NiMH Battery and Charger Kit CBK4-200
- Battery NB4-200
- AC Adaptor Kit ACK-800 (contains CA-PS800)

- Metallic Neck Strap
- Waterproof Case WP-DC60
- Waterproof Weight WW-DC1 (1 plate)
- High Power Flash HF-DC1
- Semi-hard Case SC-A1
- AV Cable AVC-DC300
- USB Interface Cable IFC-400PCU
- Canon Compact Photo printers and Bubble Jet Direct Printers

*Compatible printer required for Direct Printing. Compatible Windows computer required for direct download.

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Canon PowerShot A520/A510 Specifications

CCD

Size	1/2.5 inch
Effective Number of Pixels	Approx. 4.0 MP (A520) Approx. 3.2 MP (A510)
Total Number of Pixels	Approx. 4.2 MP (A520) Approx. 3.3 MP (A510)
Filter Type	Primary colour filter (Bayer)

Image Processor

Processing	DiG!C

Lens

Focal Length (Optical)	5.8(W) – 23.2(T)mm
35mm Film Equivalent	35 – 140mm
Maximum Aperture	f/2.6(W) – f/5.5(T)
Shutter Speed	15 – 1/2000 sec.
Construction	7 elements in 5 groups (including 2 aspherical lens)
Optical Zoom	Approx. 4x
Digital Zoom	Approx. 3.6x (A520) Approx. 3.2x (A510)
Max Combined Zoom	Approx. 14x (A520) Approx. 13x (A510)
Focusing Method	TTL Autofocus 9-point AiAF/1-point AF* *Focusing frame is centre fixed. Manual focus available, AF Lock available.

Focusing

Normal	45 cm – infinity
Macro	5 – 45cm(W), 30 – 45cm(T)
Manual focus	5 cm – infinity(W), 30cm – infinity(T)

Control/Balance

Light Metering Method	Evaluative, Centre-weighted average, Spot * Metering frame with Spot mode is centre fixed.
Exposure Control Method	Program AE, Shutter speed-priority AE, Aperture-priority AE, Manual
Exposure Compensation	± 2 stops in 1/3-stop increments
White Balance Control	TTL White Balance
White Balance Modes	Auto, Pre-set (Daylight/Cloudy/Tungsten/Fluorescent/Fluorescent H), Custom
ISO Equivalent Film Speed	Auto / ISO 50 / 100 / 200 / 400

LCD Monitor/Viewfinder

Viewfinder	Real-image optical zoom
LCD Monitor	1.8 inch Low-temperature polycrystalline silicon TFT colour LCD

Flash

Flash Modes	Auto*, On*, Off * Red-eye Reduction is available.
Flash Range (at ISO equivalent: Auto)	45 cm – 3.5 m (W), 45 cm – 2.2 m (T), 30 – 45 cm (macro)

Selectable Shooting Modes

Shooting Modes	Auto / Creative zone: P, Tv, Av, M / Image zone: Portrait, Landscape, Night scene, Fast shutter, Slow shutter / Stitch Assist / Movie / Special Scene Mode: (Foliage, Snow, Beach, Fireworks, Underwater, Indoor, Kids & Pets, Night Snapshot)
Photo Effects Mode	Vivid, Neutral, Low sharpening, Sepia, Black & White

Continuous Shooting

Normal	A520: Approx. 1.9 shots/sec (shooting speed can be maintained up to 8 images) A510: Approx. 2.3 shots/sec. (shooting speed can be maintained up to 12 images) *Large/Fine mode, when LCD monitor is turned off]*

Image Recording Format

Image File Format	Design rule for Camera File system, DPOF Version 1.1 compliant
Still image	JPEG (Exif 2.2 compliant)
Movie	AVI (Image: Motion JPEG, Audio: WAVE (monaural))
JPEG Compression Levels	Superfine / Fine / Normal

Recording Pixels - Still Images

	A520	A510
Large	2272 x 1704	2048 x 1536
Medium 1	1600 x 1200	1600 x 1200
Medium 2	1024 x 768	1024 x 768
Small	640 x 480	640 x 480
Postcard Date Imprint*	1600 x 1200	1600 x 1200

*Compression rate set to fine

Recording Pixels - Movie Images

Large (VGA)	640 x 480
Medium (QVGA)	320 x 240
Small (QQVGA)	160 x 120

Still Image Storage Capacity (with supplied memory) 16MB MMC	A520	A510
Large/Superfine	7 images	9 images
Large/Fine	13 images	16 images
Large/Normal	26 images	33 images
Middle1/Superfine	14 images	14 images
Middle1/Fine	26 images	26 images
Middle1/Normal	50 images	50 images
Middle2/Superfine	25 images	25 images
Middle2/Fine	45 images	45 images
Middle2/Normal	80 images	80 images
Small/Superfine	56 images	56 images
Small/Fine	87 images	87 images
Small/Normal	138 images	138 images

Movie Storage Capacity (with supplied memory)

Movie Large (VGA)	640 x 480 Approx. 22 sec 10fps [max. approx. 30 sec. per recording]
Movie Middle (QVGA)	320 x 240 Approx. 43 sec. 15fps [max. approx. 3 min per recording]
Movie Small (QQVGA)	160 x 120 Approx. 1 min 47 sec. sec. 15fps [max. approx. 3 min per recording]
Frames Per Second	10 or 15 depending on resolution

Other Operations

Playback Operations	Single / Index (9 thumbnail images) / Slide Show / Movie Special Replay - Next frame, Previous frame, Fast forward, Rewind, First frame and Last frame / Magnify (2x – 10x) / Auto vertical and horizontal image orientation with Intelligent Orientation Sensor / Still histogram display.
File Operations	DPOF - Print Order / Image transfer, Movie - unnecessary scenes can be erased. Sound Annotations - max. record/play time is approx. 60 sec
Direct Printing	Yes
PictBridge	Yes
Print/Share Button*	Yes
ID Photo Print	Yes (with compatible Canon Compact Photo printers)
Movie Print	Yes (with compatible Canon Compact Photo printers)
Camera Settings	Start-up image / Start-up sound / Shutter sound / Operation sound / Self-timer sound
Menu Languages	21 languages (English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Russian, Portuguese, Greek, Polish, Czech, Hungarian, Turkish, Traditional Chinese, Korean, and Japanese)
Self-timer	Approx. 2 sec. or 10 sec. count-down or Custom

Interface

Computer I/F	USB
Video Output	PAL or NTSC selectable
Audio Output	Monaural
Memory Storage	SD Memory Card / MultiMedia Card
Supplied Memory	16MB

Supported Operating Systems

PC	Windows 98 (including SE)/ME/2000 SP4/XP (SP1, SP2)
Mac	OS X (Version 10.1/10.2/10.3)

Included Software — Canon Digital Camera Solution Disc

Power Source

Battery	AA Alkaline battery (x2) or AA rechargeable NiMH battery (x2) (NB-2AH is recommended)
Optional Charger/AC Adaptor	CBK4-200 / Adaptor Kit ACK-800 (contains Compact Power Adaptor CA-PS800)

Shooting Capacity (full charge)

LCD Monitor On	Approx. 300 shots by AA NB-2AH NiMH batteries (CIPA standard) Approx 80 shots by AA Alkaline batteries (Panasonic) (CIPA standard)
LCD Monitor Off	Approx. 800 shots by AA NB-2AH NiMH batteries (Canon measuring standard) Approx. 240 shots by AA Alkaline batteries (Panasonic) (Canon measuring standard)
Replay	Approx. 300 min. by AA NB-2AH NiMH batteries Approx. 180 min. by AA Alkaline batteries (Panasonic)

Operating Environment

Temperature	0 – 40°C
Humidity	10 – 90%

Dimensions (W x H x D) — 90.7 x 64 x 38.4mm (ex protrusions)

Weight — Approx. 180g (camera body only)

- All data based on Canon's Standard Testing Method. Subject to change without notice.
- *Compatible printer required for Direct Printing. Compatible Windows computer required for direct download.

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